

an electrically conductive clamp in the bore of said housing at the inner periphery thereof, said electrically conductive clamp having a pointed end shaped and sized for driving into the outer insulated layer of the electrical cable; and

CT a cylindrical compression cap with an end wall apertured to receive the electrical cable in passage to said housing and a side wall sized for engaging the inner periphery of said housing and shaped at the open end of said side wall for engaging the pointed end of said electrically conductive clamp to drive the pointed end thereof toward the axis of the bore in said housing thereby to mechanically connect the electrical cable to said housing.

Claim 2 (thrice amended)

An electrical connector for coupling to an electrical cable of the coaxial type having a center conductor enclosed in an inner insulation layer and a conductive sheath around the inner insulation layer and an outer insulation layer overlying the conductive sheath, comprising:

CZ a housing having an axial bore therein with an inner periphery for receiving a coaxial cable in one end thereof, the coaxial cable having a center conductor enclosed in an inner insulation layer and a conductive sheath around the inner insulation layer and an outer insulation layer overlying the conductive sheath, said housing being electrically conductive;

an electrically conductive clamp in the bore of said housing and electrically connected to said housing at the inner periphery thereof, said electrically conductive clamp having a pointed end shaped and sized for driving into the outer insulated layer of the coaxial cable to engage the conductive sheath thereof, and

a cylindrical compression cap having an end wall apertured to receive the coaxial cable in passage to said electrically conductive housing and having a side wall with an outer periphery sized for engaging the inner periphery of said housing and shaped at an end of the side wall for engaging the pointed end of said electrically conductive clamp to drive the pointed end thereof toward the axis of the bore in said housing thereby to mechanically connect the coaxial cable to said housing and to electrically connect the conductive sheath of the coaxial cable to said housing through said conductive clamp.

Claim 14 (amended):

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The electrical connector according to claim 12,  
wherein the first end of said at least one clamping arm has a beveled edge,  
wherein as said cap is inserted into the first end of said housing a beveled edge of said cap  
pushes the beveled edge of said at least one clamping arm such as to cause the first end of said at  
least one clamping arm to penetrate into the outer insulation layer of the insulated conductor.

Claim 23 (amended):

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The electrical connector according to claim 16, further comprising:  
a beveled ring; and  
a compression ring;  
wherein inserting the cap into the first end of the housing causes the cap to push the  
compression ring such that the compression ring contacts and pushes said beveled ring such that a  
beveled edge of the beveled ring engages said at least one clamping arm causing the first end of said  
at least one clamping arm to penetrate the outer insulation layer and make electrical contact with the  
outer conductor of the insulated electrical conductor.